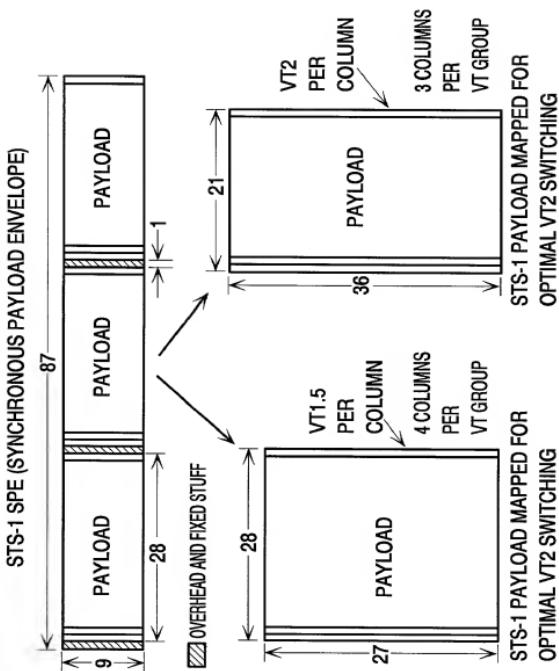
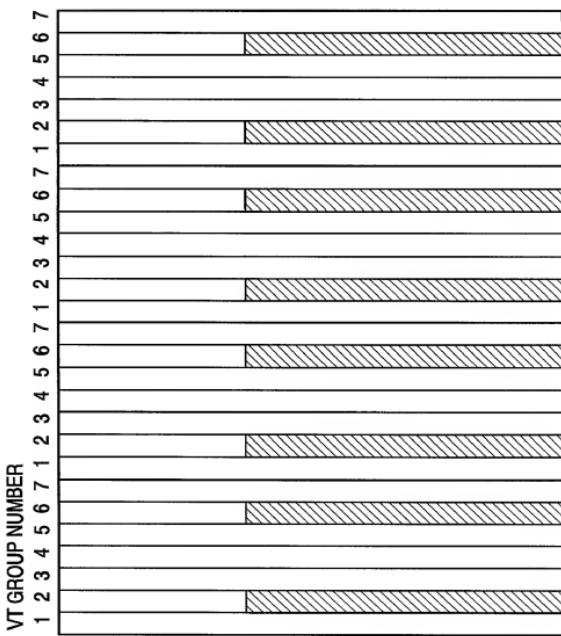


CREATING OPTIMIZED MAPPINGS FOR VT1.5 AND VT2 SWITCHING



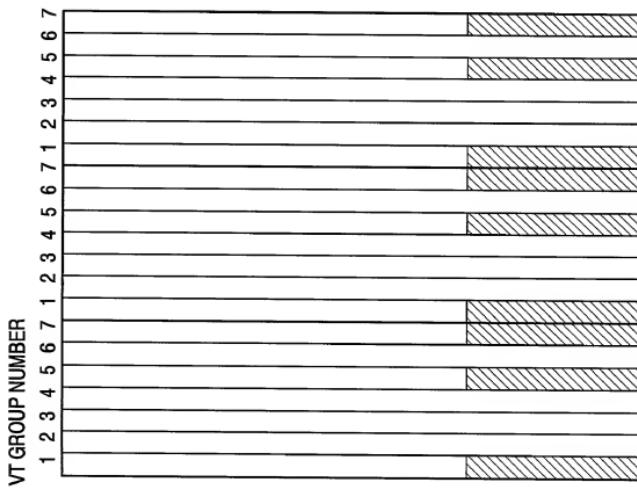
Mixing VT2s into a VT1.5-optimized Configuration



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*Fig. 2
Prior Art*

Mixing VT1.5s into a VT2-optimized Configuration



IN THIS EXAMPLE, VT GROUPS 2, 3, 4 AND 6 ARE CARRYING VT2S WHILE VT GROUPS 1, 5 AND 7 ARE MAPPED WITH VT1.5S.
THE DARK AREAS REPRESENT WASTED BANDWIDTH (25% PER VT1.5 CARRIED).

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Fig. 3
Prior Art

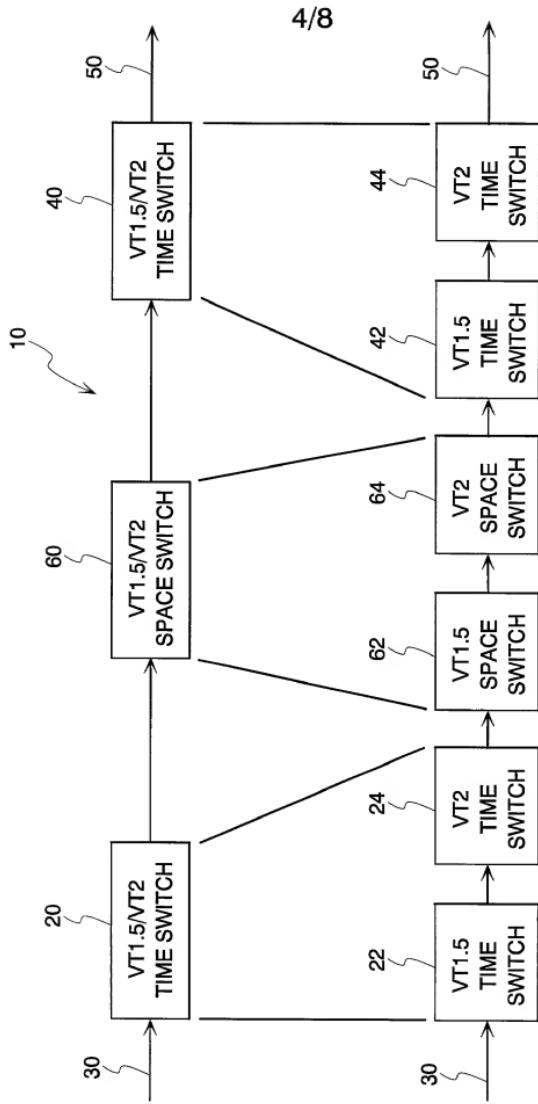


Fig. 4

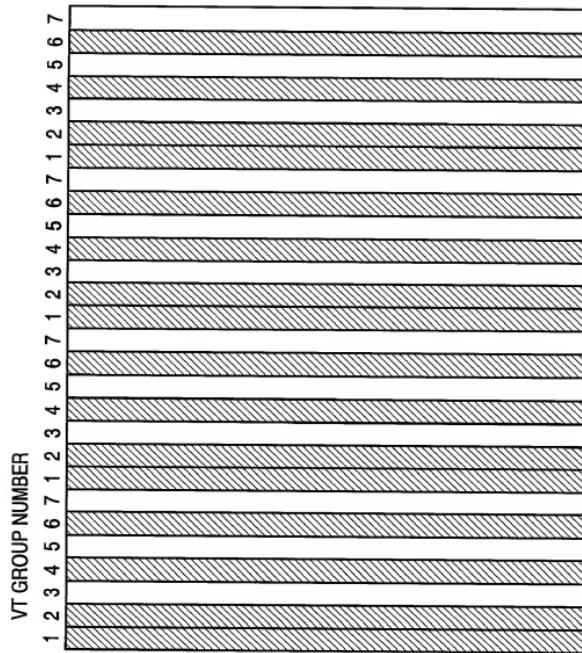
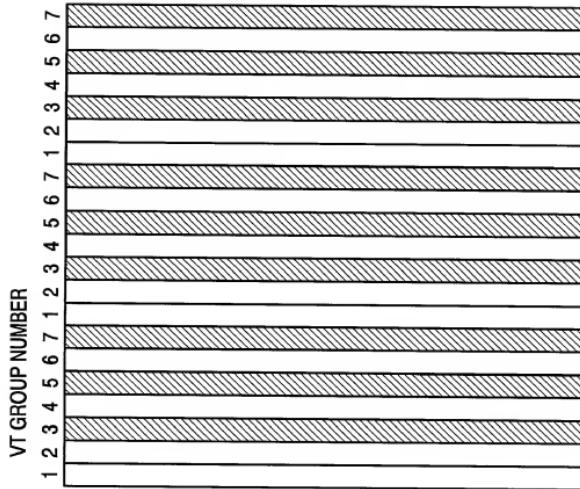


Fig. 5

Time Switching Mixed VT Traffic: VT1.5 Time Switch Step



CONTINUING WITH THE SAME EXAMPLE AS IN FIGURE 5, VT GROUPS 3, 5, AND 7 CARRY VT1.5S WHILE VT GROUPS 1, 2, 4, AND 6 CONTAIN VT2S.

THE DARK COLUMNS REPRESENT NON-VT2 TRAFFIC WHICH IS IGNORED BY THE VT2 SWITCHING ELEMENTS.

ALL WHITE COLUMNS CAN BE INTERCHANGED WITH EACH OTHER FOR FULL TIME MANIPULATION OF THE VT2 TRAFFIC CONTENT.

VT GROUPS 3, 5 AND 7 CAN BE EXCHANGED IF ALL 3 COLUMNS MAKING UP EACH VT GROUP KEPT TOGETHER AND IN THE SAME RELATIVE ORDER.

Fig. 6

Time Switching Mixed VT Traffic: VT2 Time Switch Step

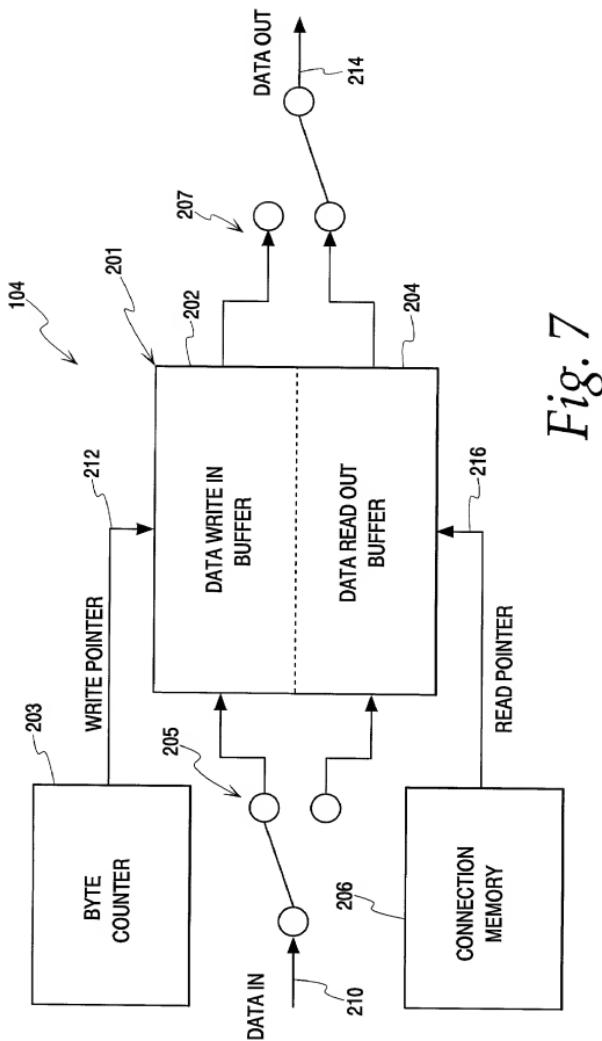


Fig. 7

